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ADJUTANT GENERAL
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HQ ADCOM PETERSON AFB CO//J-3//
JCS WASH DC//J-3// /RUEKJCS
INFO HQ SAC OFFUTT AFB NE//SX/90// /RUEKJCS

SUBJ: FLIGHT 9 FALSE REPORTS (U).

REF: JCS/J-3 162215Z APR 81 (S) MSG. SUBJ: DSP-W FLIGHT 9 FALSE REPORTS.

1. PRIOR TO THE 5 AND 13 APRIL 81 FALSE REPORTS, OTHER SATEL-LITE BEHAVIOR WHICH WOULD HAVE PROVIDED INDICATIONS OF THE VULNER-ABILITY/SUSCEPTIBILITY OF FLIGHT 9 TO THE 5/13 APRIL TYPE FALSE REPORTS WAS NOT EVIDENT. A SUMMARY OF THE MAJOR PROBLEMS AND ACTIONS TAKEN PRIOR TO FLIGHT 9 HANDBACK FOLLOWS.

2. THE CONUS GROUND STATION (CGS) BEGAN EXPERIENCING b1
WITH FLIGHT 9 IMMEDIATELY AFTER HANDOVER

b1

CGS EMPLOYED EXTENSIVE MANUAL

~~BLANKS AND A ONE RELEASE MODE OF MANUAL UNTIL A TEMPORARY SOFTWARE~~

RECEIVED

CAPT ANDERSON/J-3FD/3309/20APR81/
WPC

BRUCE K. BROWN, Maj Gen, USAF
DCC/Operations

[Signature]

11/11/81

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FIX (ENLARGING COMPUTER DEFINED BLANKS) COULD BE INSTALLED ON 5
APRIL. b1

THE SITE ESTABLISHED CONTROL OF
b1 DATA INPUTS WITH THE TEMPORARY FIX; HOWEVER, WE DID
NOT UNDERSTAND THE CAUSE OR HAVE A PLAN FOR A LONG TERM SOLUTION.
DETERMINATION OF THE EXACT CAUSE

b1

3.

b1

A RINGING CELL IS A CELL (ONE OF
2048) WHICH IS GENERATING SPURIOUS RETURNS AND UNRELATED b1
WHICH CAUSED THE BLANKING PROBLEMS. THE RINGING CELL
PHENOMENON IS COMMON TO ALL SATELLITES THROUGHOUT THEIR LIFETIME,
BUT IT IS PARTICULARLY NOTICEABLE DURING THE FIRST SEVERAL WEEKS OF
OPERATION UNTIL THE "RINGERS" ARE IDENTIFIED AND PROPERLY THRESHOLD-
ED. b1

THE CHECK INSURES ALL MISSILE REPORTS HAVE AN ADJACENT
CELL RESPONSE (TYPICAL OF A VALID MISSILE EVENT). b1

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